

DAFTAR PUSTAKA

- Abbasi, N., Karkondi, V.R., Asadollahi, K., Tahmasebi, M., Ghobad, A., Taherikalani, M., dan Parisa, A. (2014). *Journal of Medicinal Plant Research. Analgesic Effects of Arum maculatum Plant Extract in Rats Compared to Other Routine Analgesics*. 8(31), hlm. 1025-1030
- Abdullah, N., Zulkifli, K.S., Abdullah, A., Aziman, N., dan Kamarudin, W. *International Journal of ChemTech Research. Assesment on The Antioxidant and Antibacterial Activites of Selected Fruit Peels*. 4(4), hlm. 1534-1542
- Alternative Medicine Review. (2001). *Monograph Ruscus aculeatus (Butcher's Broom)*. [online]. Tersedia: <http://www.altmedrev.com/publications/6/6/608.pdf>. [diakses 29 Mei 2017]
- Anonim. (2017). *Calamus (Acorus calamus)*. [online]. Tersedia: <http://www.a1b2c3.com/drugs/var002.htm>. [diakses 29 Mei 2017]
- Arrijani. (2003). Biodiversitas. *Kekerabatan Fenetik Anggota Marga Knema, Horsfieldia, dan Myristica di Jawa berdasarkan Bukti Morfologi Serbuk Sari*. 4 (2): 83-88
- Atyim, P., Olah, N.K., Osser, G., Toma C.R., Morgovan, C., Atyim, E. (2017). *Studia UBB Chemia. Practical Investigation of Gels Containing Aristolochia (Aristolochia clematitis) Extract*. 17(1), hlm. 153-164
- Barve, V.H., Hiremath, S.N., Pattan, S.R., dan Pal S.C. (2010). *Journal of Chemical and Pharmaceutical Research. Phytochemical and Pharmacological Evaluation of Hibiscus mutabilis Leaves*. 2(1), hlm. 300-309
- Bayu, E.S. (2005). *Genom Kloroplas*. [online]. Tersedia: <http://library.usu.ac.id/download/fp/pemuliaan%20tanaman-eva2.pdf>. [diakses 29 Mei 2017]

- Biba, V.S., Amily, A., Sangeetha, S., dan Remani, P. (2014). World Journal of Pharmacy and Pharmaceutical Sciences. *Anticancer, Antioxidant, and Antimicrobial Activity of Annonaceae Family*. 3(3), hlm. 1595-1604
- Cain, A. J. & Harrison, G. A. (1960). Journal of Zoology. *Phyletic Weighting*. 135(1), hlm. 1-31
- Campbell, Reece, dan Mitchell. (2008). *Biologi*. Edisi Kedelapan Jilid 1. Jakarta: Penerbit Erlangga
- Chandrasekara, A. & Kumar, T.J. (2016). International Journal of Food Science. *Roots and Tuber Crops as Functional Foods: A Review on Phytochemical Constituents and Their Potential Health Benefits*. 2016, 1-15
- Cheng, C., Wang, Z., dan Chen, J. (2014). Evidence-Based Complementary and Alternative Medicine. *Targeting FASN in Breast Cancer and The Discovery of Promising Inhibitors from Natural Products Derived from Traditional Chinese Medicine*. 2014, 1-16
- Chiabchalard, A. & Nooron, N. (2015). Pharmacognosy Magazine. *Antihyperglycemic Effects of Pandanus amaryllifolius Roxb. Leaf Extract*. 11(41), hlm. 117-122
- Chirag, P., Tyagi, S., Halligudi, N., Yadav, J., Pathak, S., Singh, S., Pandey, A., Kamboj, D., dan Shankar, P. (2013). Journal of Drug Discovery and Therapeutics. *Antioxidant Activity of Herbal Plants: A Recent Review*. 1(8), hlm. 1-8
- Christian, Z. (2010). Phytochem. *Altitudinal variation of secondary metabolites in flowering heads of the asteraceae: Trends and causes*. 9, hlm. 197-203.
- Chudiwal, A.K., Jain, D.P., dan Somani, R.S. (2010). Indian Journal of Natural Products and Resources. *Alpinia galangal Willd.- An Overview on Phyto-Pharmacological Properties*. 1(2), hlm. 143-149
- Croteau, R., Kutchan, T.M., dan Lewis, N.G. (2000). Biochemistry & Molecular Biology of Plants. *Natural Products (Secondary metabolites)*. 24, hlm. 1250-1318
- Dai, S.X., Li, W.X., Han, F.F., Guo, Y.C., Zheng, J.J., Liu, J.Q., Wang, Q., Gao, Y.D., Li, G.H., dan Huang, J.F. (2016). Scientific Reports. *In Illico Identification of Anti-*

- Cancer Compounds and Plants From Traditional Chinese Medicine Database*. 6(25462)
- Daniell, H., Lin, C.S., Yu, M., dan Chang, W.J. (2016). *Genome Biology. Chloroplast Genomes: Diversity, Evolution, and Applications in Genetic Engineering*. 17(134), hlm. 1-29
- Dhankhar, S., Sharma, M., Ruhil, S., Balhara, M., Kumar, M., dan Chhillar, A.K. (2013). *International Journal of Pharmacy and Pharmaceutical Science. Evaluation of Antimicrobial and Antioxidants Activities of Bougainvillea spectabilis*. 5(3), hlm. 178-182
- Dong, W., Liu, J., Yu, J., Wang, L., dan Zhou, S. (2012). *PLOS ONE. Highly Variable Chloroplast Markers for Evaluating Plant Phylogeny at Low Taxonomic Levels and for DNA Barcoding*. 7(4), hlm. 1-9
- Duke, J.A., Godwin, M.J.B., Cellier, J., dan Duke, P.A.K. (2002). *Handbook of Medicinal Herbs. Second Edition*. US: CRC Press
- Esquenazi, D., Wigg, M., Miranda, M., Rodrigueus, H., Tostes, J., Rozental, S., Silva, A., dan Alviano, C. (2002). *Research in Microbiology. Antimicrobial and Antiviral Activities of Polyphenolics from Cocos nucifera Linn. (Palmae) Husk Fiber Extract*. 153, hlm. 647-652
- Fernando, C.T., Goldstein, R. A., Husbands, P., dan Stekel, D. J. (2010). *Pacific Symposium on Biocomputing. In Silico Biology*. 15, hlm: 477-480
- Fратиanni, F., Sada, A., Cipriano, L., Masucci, A., dan Nazzaro, F. (2007). *The Open Food Science Journal. Biochemical Characteristics, Antimicrobial, and Mutagenic Activity in Organically and Conventionally Produced Malus domestica, Annurca*. 1, hlm. 10-16
- Ghadiri, E., Ahmadi, R., Moridikya, A., Mahdavi, E., dan Tavakoli, E. (2014). *International Conference on Food, Biological, and Medical Sciences. Laurus nobilis has Antibacterial Activity Against Staphylococcus aureus*. Hlm. 75-76

- Gohil, K.J., Patel, J.A., dan Gajjar, A.K. (2010). *Indian Journal of Pharmaceutical Sciences. Pharmacological Review on Centella asiatica: A Potential Herbal Cure-All*. 72(5), hlm. 546-556
- Gudbjarnason, S. (1999). *Rit Fiskideildar. Bioactive Marine Natural Products*. 16, hlm. 107-110
- Gurmeet, S. & Amrita, P. (2016). *Journal of Pharmacognosy and Phytochemistry. Unique Pandanus – Flavour, Food, and Medicine*. 5(3), hlm. 8-14.
- Hamidpour, R., Hamidpour, S., Hamidpour, M., dan Shahlari, M. (2013). *International Journal of Case Reports and Images. Camphor (Cinnamomum camphora), A Traditional Remedy with The History of Treating Several Diseases*. 4(2), hlm. 86-89
- Hanboonsong, Y. (1994). *A Comparative Phenetic and Cladistic Analysis of The Genus Holcaspis Chaudoir (Coleoptera: Carabidae)*. Thesis
- Higgins, D.G. & Sharp, P.M. (1988). *Gene. CLUSTAL: A Package for Performing Multiple Sequence Alignment on a Microcomputer*. 73(1), hlm. 237-244
- Hummer, K.E., Pomper, K.W., Pstman, J., Graham, C.J., Stover, E., Mercure, E.W., Aradhya, M., Crisosto, C.H., Ferguson, L., Thompson, M.M., Byers, P., dan Zee, F. (2012). *Chapter 4 Emerging Fruit Crops*. [online]. Tersedia: <http://ucce.ucdavis.edu/files/datastore/234-2455.pdf>. [diakses 29 Mei 2017]
- Hollingsworth, P., Forrest, L., Spouge, J., Hajibabaei, M., Ratnasingham, S., Bank, M., Chase, M., Cowan, R., Erickson, D., Fazekas, A., Graham, S., James, K., Kim, K., Kress, W., Schneider, H., AlpenStahl, J., Barrett, S., Berg, C., Bogarin, D. (2009). *CBOL Plant Working Group. A DNA Barcode for Land Plants*. 106(31), hlm. 12794-12797
- Hongwei, Z. (Tanpa Tahun). *Molecular Phylogenetics*. [online]. Tersedia: <http://abc.cbi.pku.edu.cn/talk/phylogeny-zhu-hw.pdf>. [diakses 29 Mei 2017]
- IBSAP. (2014). *Peluncuran Buku Status Kekinian Keanekaragaman Hayati Indonesia*. [online]. Tersedia: <http://www.menlh.go.id/peluncuran-buku-status-kekinian-keanekaragaman-hayati-indonesia/>. [diakses 20 Oktober 2016].

- Islam, R.T., Islam, A.T., dan Mazumder, K. (2015). Journal of Medicinal Plants Studies. *In Vitro Antioxidant Activity of Methanolic Extract of Helianthus annuus Seeds*. 4(2), hlm. 15-17
- Jacq. (2012). *Crataegus punctata*. [online]. Tersedia: <http://www.pfaf.org/user/Plant.aspx?LatinName=Crataegus+punctata>. [diakses 29 Mei 2017]
- Jakovljevic, V.D., Milicevic, J.M., Delic, G.C., dan Vrvic, M.M. (2016). Hem. Ind. *Antioxidant Activity of Ruscus Species from Serbia*. 70(1), hlm. 99-106
- Jamil, M. & Anwar, F. (2016). European Journal of Biological Sciences. *Properties, Healths Benefits, and Medicinal Uses of Oryza sativa*. 8(4), hlm. 136-141
- Jayalakshmi, S., Patra, A., Lal, V.K., dan Ghosh, A.K. (2010). Journal of Pharmaceutical Sciences and Research. *Pharmacognostical Standardization of Roots of Imperata cylindrica Linn (Poaceae)*. 2(8), hlm. 472-476
- Jeanmougin, F., Thompson, J.D., Gouy, M., Higgins, D.G., dan Gibson, T.J. (1998). Trends Biochem Sci. *Multiple Sequence Alignment with Clustal X*. 23(10), hlm. 403-405
- Johnson, L.A. & Soltis, D.E. (1994). Systematic Botany. *matK DNA Sequences And Phylogenetic Reconstruction in Saxifragaceae Ssensu Stricto*. 19(1), hlm. 143-156
- Johnson, M. & Janakiraman, N. 2013. Indian Journal of Natural Products and Resources. *Phytochemical and TLC Studies on Stem and Leaves of the Orchid Dendrobium panduratum subsp. Villosum Gopalan & A. N. Henry*. 4(3), hlm. 250-254
- Joy, P.P., Thomas, J., Mathew, S., Skaria, B.P. (1998). *Medicinal Plants*. [online]. Tersedia: joyppkau.tripod.com/PDFs/Bk%20Medicinal%20Plants.PDF. [diakses 29 Mei 2017]
- Kabesh, K., Senthilkumar, P., Ragunathan, R., dan Kumar, R.R. (2015). International Journal of Pure and Applied Bioscience. *Phytochemical Analysis of Catharantus roseus Plant Extract and Its Antimicrobial Activity*. 3(2), hlm. 162-172
- Karimi, E., Oskoueian, E., Oskoueian, A., Omidvar, V., Hendra, R, dan Nazeran, H. (2012). *Insight Into the Functional and Medicinal Properties of Medicago sativa (Alfalfa) Leaves extract*. 7(7), hlm. 290-297

- Kartikawati, M. (2004). *Pemanfaatan Sumberdaya Tumbuhan oleh Masyarakat Dayak Meratus di Kawasan Hutan Pegunungan Meratus, Kabupaten Hulu Sungai Tengah*. Tesis: Sekolah Pascasarjana IPB. Bogor.
- Kellogg E.A. & Juliano N.D. (1997). *Am J Bot . The Structure and Function of RuBisCO and Their Implications for Systematic Studies*. 84, hal. 413–428
- Kim, S. C., Crawford, D. J., Jansen, R. K., dan Guerra, A. S. (1999). *Plant Systematic and Evolution. The use of a non-coding region of chloroplast DNA in phylogenetic studies of the subtribe Sonchinae (Asteraceae: Lactuceae)*. 215, hlm. 85-99.
- Kozuharova, E., Kochmarov, V., Kachaunova, E., Espindola, A., Aleksandrov, B., Mincheva, I. (2014). *Fl. Medit. Distribution of Arum (Araceae) in Bulgaria*. 24, hlm. 51-62
- Kumar, S., Tamura, K., dan Nei, M. (1994). *CABIOS. MEGA: Molecular Evolutionary Genetics Analysis Software for Microcomputers*. 10(2), hlm. 189-191
- Kumar, S., Tamura, K., dan Nei, M. (2004). *Briefings in Bioinformatics. MEGA 3: Integrated Software for Molecular Evolutionary Genetics Analysis and Sequence Alignment*. 5(2), hlm. 150-163
- Kumar, S., Nei, M., Dudley, J., dan Tamura, K. (2008). *Briefings in Bioinformatics. MEGA: A Biologist-Centric Software for Evolutionary Analysis of DNA and Protein Sequences*. 9(4), hlm. 299-306
- Krupinska, K., Melonek, J. dan Krause, K. (2012). *Planta. New Insights into Plastid Nucleoid Structure and Functionality*. 237, hlm. 653-664
- Lans, C.A. (2006). *Journal of Ethnobiology and Ethnomedicine. Ethnomedicine used in Trinidad and Tobago for Urinary Problems and Diabetes mellitus*. 2(45), hlm. 1-11
- Latif, F.A., Edou, P., Eba, F., Mohamed, N., Ali, A., Djama, S., Obame, L., Bassole, I., dan Dicko, M. (2010). *African Journal of Plant Science. Antimicrobial and Antioxidant Activities of Essential Oil and Methanol Extract of Jasminum sambac from Djibouti*. 4(2), hlm. 38-43

- Maji, A.K. & Banerji, P. (2015). International Journal of Herbal Medicine. *Chelidonium majus L. (Greater Celandine) – A Review on Its Phytochemical and Therapeutic Perspectives*. 3(1), hlm. 10-27
- Malencic, D., Popovic, M., dan Miladinovic, J. (2007). Molecules. *Phenolic Content and Antioxidant Properties of Soybean (Glycine max (L.) Merr.) seeds*. 12(3), hlm. 576-581
- Malhotra, S. & Singh, A.P. (2003). Natural Product Radiance. *Medicinal Properties of Ginger (Zingiber officinale Rosc.)*. 2(6), hlm. 296-301
- Mariska, I. (2013). *Metabolit sekunder: Jalur Pembentukan dan Kegunaannya*. [online]. Tersedia: <http://biogen.litbang.pertanian.go.id/2013/08/metabolit-sekunder-jalur-pembentukan-dan-kegunaannya/>. [diakses 29 Juni 2017]
- Mashwani, Z.R., Bashir, T., Mudrikah, M., dan Zahara, K. Bolan Society for Pure and Applied Biology. *Chemistry, Pharmacology, and Ethnomedicinal Uses of Helianthus annuus (Sunflower): A Review*. 4(2), 226-235
- Mateos, R.M., Jimenez, A., Roman, P., Romojaro, F., Bacarizo, S., Leterrier, M., Gomez, M., Sevilla, F., Rio, L., Corpas, F., dan Palma, J. (2013). International Journal of Molecular Sciences. *Antioxidant Systems from Pepper (Capsicum annuum L.): Involvement in The Response to Temperature Changes in Ripe Fruit*. 14, hlm. 9556-9580
- Mazimba, O., Wale, K., Kwape, T.E., Mihigos, O., dan Kokengo, B.M. (2015). Journal of Medicinal Plants Studies. *Cinnamomum verum: Ethylacetate and Methanol Extracts Antioxidants and Antimicrobial Activity*. 3(3), hlm. 28-32
- McNEILL, J. (1981). Zoological Journal of The Linnean Society. *Phylogenetic Reconstruction and Phenetic Taxonomy*. 74, hlm. 337-344
- Meghwal, M. & Gosmawi, T.K. (2013). Phytotherapy Research. *Piper nigrum and Piperine: An Update*. 27(8), hlm. 1121-1130

- Mei, W.S.C., Ismail, A., Esa, N.M., Akownah, G.A., Wai, H.C., dan Seng, Y.H. (2014). Antioxidants. *The Effectiveness of Rambutan (Nephelium lappaceum L.) Extract in Stabilization of Sunflower Oil Under Accelerated Conditions*. 3, hlm. 371-386
- Miftakunnafisah, W. (2010). *Pengenalan NCBI untuk Analisis DNA, Protein, dan Senyawa Kimia*. Malang: Universitas Brawijaya
- Mohammed, Z.H. & Ibraheem, R.M. (2015). Ibn Al-Haitham J. for Pure & Appl. Sci. *Anti-Oxidant Activity of Methanol Extracts of Arum maculatum L. and Physalis peruviana L. Plants*. 28(2), hlm. 1-7
- Mohan, Y., Jesuthankaraj, G.C., dan Thangavelu, N.R. (2013). *Advances in Pharmacological Sciences. Antidiabetic and Antioxidant Properties of Triticum aestivum in Streptozocin-Induced Diabetic Rats*. 2013, hlm. 1-9
- National Endowment for The Humanities. (2012). *How to Read a Dendrogram*. [online]. Tersedia: <http://wheatoncollege.edu/lexomics/files/2012/08/How-to-Read-a-Dendrogram-Web-Ready.pdf>. [diakses 7 Juni 2017]
- Natural Medicinal Herbs. (Tanpa Tahun). *Birthwort Aristolochia clematitis*. [online]. Tersedia: <http://www.naturalmedicinalherbs.net/herbs/a/aristolochia-clematitis=birthwort.php>. [diakses 29 Mei 2017]
- Natural Medicinal Herbs. (Tanpa Tahun). *Mandarin Citrus reticulate*. [online]. Tersedia: <http://www.naturalmedicinalherbs.net/herbs/c/citrus-reticulata=mandarin.php>. [diakses 29 Mei 2017]
- Nasri, H., Sahinfard, N., Rafeian, M., Rafeian, S., dan Shirzad, M. (2014). *Journal of HerbMed Pharmacology. Turmeric: A Spice with Multifunctional Medicinal Properties*. 3(1), hlm. 5-8
- Naveed, U., Habib, A., Haq, A.A., Khan, A.Q., dan Rabia, A. (2010). *Pharmacognosy Journal. Antibacterial Activities of Genetic Variants of Mirabilis jalapa*. 2(7), hlm. 181-184

- Neira, C.M.D. (2003). *The Effects of Yellow Passion Fruit, Passiflora Edulis Flavicarpa, Phytochemicals on Cell Cycle Arrest and Apoptosis of Leukemia Lymphoma Molt-4 Cell Line*. University of Florida: Thesis
- Nishaa, S., Vishnupriya, M., dan Gopalakrishnan, V.K. (2013). International Research Journal of Pharmacy. *Qualitative Assessment of Ethanolic Extract of Maranta arundinacea L. Rhizome Using HPTLC*. 4(2), hlm. 76-83
- Nofiani, R. (2008). Jurnal Natur Indonesia. *Artikel Ulas Balik: Urgensi dan Mekanisme Biosintesis Metabolit Sekunder Mikroba Laut*. 10(2), hlm. 120-125
- Novelli, S., Lorena, C., dan Antonella, C. 2014. American Journal of Plant Sciences. *Identification of Alkaloid's Profile in Ficus benjamina L. Extracts with Higher Antioxidant Power*. 2014 (5), hlm. 4029-4039
- Nursiyah. (2013). *Studi Deskriptif Tanaman Obat Tradisional yang Digunakan Orangtua untuk Kesehatan Anak Usia Dini di Gugus Melati Kecamatan Kalikajar Kabupaten Wonosobo*. [online]. Tersedia: <http://lib.unnes.ac.id/18234/1/1601910053.pdf>. [Diakses 3 September 2016].
- Nurwidodo. (2006). Humanity. *Pencegahan dan Promosi kesehatan Secara Tradisional Untuk Peningkatan Status Masyarakat di Sumenep Madura*. 1(2), hlm. 96-105
- Oliver, A. & Teniente, L. (2016). Molecules. *Capsaicin: From Plants to A Cancer-Suppressing Agent*. 21, hlm. 1-14
- Oppendoes, F. (1997). *Construction of a Distance Tree Using Clustering With The Unweighted Pair Group Method with Arithmetic Mean (UPGMA)*. [online]. Tersedia: <http://www.inf.u-szeged.hu/~ormandi/ai2/02-UPGMA-example.pdf>. [diakses 25 Mei 2017]
- Orchids World. (Tanpa Tahun). *The Use of Orchids for Medicinal Purposes*. [online]. Tersedia: <http://www.orchids-world.com/evergreen/med.pdf>. [diakses 28 Juli 2017]
- Paithankar, V.V., Raut K.S., Charde R.M., Vyas J.V. (2011). Research in Pharmacy. *Phyllanthus niruri: A Magic Herb*. 1(4), hlm. 1-9

- Palmer, J D. (Tanpa Tahun). BioEssays. *Chloroplast DNA and Molecular Phylogeny*. 2(6), hlm. 263-267
- Panwar, N. (2015). Journal of Pharmaceutics and Nanotechnology. *Wheatgrass (Triticum aestivum); A Super Herb*. 3(1), hlm. 39-42
- Parvez, G.M.M. (2016). Journal of Pharmacognosy and Phytochemistry. *Pharmacological Activities of Mango (Mangifera indica): A Review*. 5(3), hlm.1-7
- Peter, P., Cesari, I.M., Arsenak, M., dan Michelangeli, F. (2008). Pharmaceutical Biology. *Evaluation of Venezuelan Medicinal Plant Extracts for Antitumor and Antiprotease Activities*. 44(5), hlm. 349-362
- Piwowski, J.P., Granica, S., dan Kiss, A.K. (Journal of Ethnopharmacology. *Lythrum salicaria L.-Underestimated Medicinal Plant from European Traditional Medicine. A Review*. 170, hlm. 226-250
- Plant Invaders of Mid-Atlantic Natural Areas. (2010). *Chocolate Vine*. [online]. Tersedia: <https://www.nps.gov/plants/alien/pubs/midatlantic/akqu.htm>. [diakses 25 Mei 2017]
- Plants for A Future. (2012). *Ranunculus sceleratus – L*. [online]. Tersedia: <http://www.pfaf.org/USER/Plant.aspx?LatinName=Ranunculus+sceleratus>. [diakses 25 Mei 2017]
- Pratakar, R., Mansuriya, M., dan Patil, P. (2012). International Journal of Pharmaceutical and Chemical Sciences. *Phytochemical and Pharmacological Review on Laurus nobilis*. 1(2), hlm. 595-602
- Prieto, J.M., Recio, M.C., Giner, R.M., Manez, S., dan Rios, J.L. (2003). Journal of Ethnopharmacology. *Pharmacological Approach to The Pro- And Anti-Inflammatory Effects of Ranunculus Sceleratus L*. 89(1), hlm. 131-137
- Qin, R., Xian, K., Li, B., Jiang, W., Peng, W., Zheng, J., dan Zhon, H. (2013). International Journal of Molecular Sciences. *The Combination of Catechin and Epicatechin Gallate from Fructus Crataegi Potentiates β -Lactam Antibiotics Against Methicillin-Resistant Staphylococcus aureus (MRSA) in Vitro and in Vivo*. 14(1), hlm. 1802-1821

- Qomaria, L & Erliza, N. (2015). *Manfaat dan Keamanannya Obat Tradisional*. [online]. Tersedia: <http://www.menlh.go.id/peluncuran-buku-status-kekinian-keanekaragaman-hayati-indonesia/>. [diakses 20 Oktober 2016].
- Radu, S. & Kqueen, C.Y. (2002). *Malaysian Journal of Medical Sciences. Preliminary Screening of Endophytic Fungi from Medicinal Plants in Malaysia for Antimicrobial and Antitumor Activity*. 9(2), hlm. 23-33
- Rahman, M., Hossain, S., Rahaman, A., Fatima, N., Nahar, T., Uddin, B., dan Basunia, M.A. (2013). *Journal of Pharmacognosy and Phytochemistry. Antioxidant Activity of Centella asiatica (Linn.) Urban: Impact of Extraction Solvent Polarity*. 1(6), hlm. 27-32
- Rajalakshmi, P., Abirami, K., Brindha, P., dan Vadivel, P. (2016). *International Journal of Pharmacognosy and Phytochemical Research. Evaluation of Antioxidant and Anti-Inflammatory Potentials of Selected Siddha Herbal Drugs – An In Vitro Study*. 8(3), hlm. 519-523
- Rajeswari, R., Umadevi, M., Rahale, S., Pushpa, R., Selvavenkadesh, S., Kumar, K.P.S., dan Bhowmik, D. (2012). *Journal of Pharmacognosy and Phytochemistry. Aloe vera: The Miracle Plant Its Medicinal and Traditional Uses in India*. 1(4), hlm. 118-124
- Raven, P.H. & Jhonson, G.B. (2002). *Biology*. Boston: McGraw-Hill, hlm. 857
- Ripa, F.A. (2009). *European Journal of Scientific Research. Antibacterial, Cytotoxic and Antioxidant Activity of Passiflora Edulis Sims*. 31(4), hlm. 592-598
- Saad, J.M., Hui, Y., Rupprecht, J.K., Anderson, J.E., Kozlowski, J.F., Zhao, G., Wood, K.V., dan McLaughlin, J.L. (1991). *Tetrahedron. Reticulatin: A New Bioactive Acetogenin from Annona reticulata (Annonaceae)*. 47916-47917, hlm. 2751-2756
- Sabharwal, S., Sudan, S., dan Ranjan, V. (2013). *Pharmaceutical Research and Bio-Science. Jasminum Sambac Linn (Motia): A Review*. 295, hlm. 108-130
- Sahu, P.K., Giri, D.D., Singh, R., Pandey, P., Gupta, S., Shrivastava, A.K., Kumar, A., dan Pandey, K.D. (2013). *Pharmacology & Pharmacy. Therapeutic and Medicinal Uses of Aloe vera: A review*. 4, hlm. 599-610

- Sain, M. & Sharma, P. (2013). International Journal of Pure & Applied Bioscience. *Catharanthus roseus (An Anti-Cancerous Drug Yielding Plant) – A Review of Potential Therapeutic Properties*. 1(6), hlm. 139-142
- Sakai, A., Takano, H., dan Kuroiwa, T. (2004). International Review of Cytology. *Organelle Nuclei in Higher Plants: Structure, Composition, Function, and Evolution*. 238, hlm. 59-118
- Sanghi, S.B. (2015). International Journal of Research-Granthaalayah. *Aloe vera: A Medicinal Herb*. 3(11), hlm. 32-34
- Sarvananda, Abed, S.S.A., Rohini, J., dan Sathyamurthy, B. (2015). *Molecular Identification of The Medicinal Plant Justicia Gendarussa Using MatK Gene*. [online]. Tersedia: http://www.ejpmr.com/admin/assets/article_issue/1451544925.pdf. [diakses 5 September 2016]
- Savithramma, N., Rao, M. L., dan Suhrulatha, D. (2011). Middle-East Journal of Scientific Research. *Screening of Medicinal Plants for Secondary Metabolites*. 8 (3), hlm. 579-584
- Setyorini, S.D. & Yusnawan, E. Iptek Tanaman Pangan. *Peningkatan Kandungan Metabolit Sekunder Tanaman Aneka Kacang sebagai Respon Cekaman Biotik*. 11(2), hlm. 167-174
- Sharma, K.K., Kotoky, J., Kalita, J.C., dan Barthakur R. (2012). Asian Pasific Journal of Tropical Biomedicine. *Evaluation of Antidermatophytic Activity of Ranunculus Sceleratus and Pongamia Pinnata Available In North Eastern Region of India*. 2(2), hlm. 808-811
- Shinozaki, K., Ohme, M., Tanaka, M., Wakasugi, T., Hayashida, N., Matsubayashi, T., Zaita, N., Chunwongse, J., Obokata, J., Ohto, C., Torajawa, K., Meng, B., Sugita, M., Deno, H., Kamogashira, T., Yamada, K., Kusuda, J., Takaiwa, F., Kato, A., Tohdoh, N., Chimada, H., dan Sugiura, M. (1986). EMBO J. *The complete nucleotide sequence of the tobacco chloroplast genome: its gene organization and expression*. 5(9), hlm. 2043-2049
- Singh, R. & Jawaid, T. (2012). Pharmacognosy Journal. *Cinnamomum camphora: Review*. 4(28), hlm.1-5

- Sokal, R.R. & Sneath, P.H.A. (1963). Taxon. *The Principles and Practice of Numerical Taxonomy*. 12(5), hlm. 190-199
- Soltis, D & Soltis, P. (1993). American Journal of Botany. *Molecular Systematics Of Saxifragaceae Sensu Stricto*. 80(9), hlm. 1056-1081
- Spring. (2012). Principals of Phylogenetic Systematics. *Phenetics*. [online]. Tersedia: http://ib.berkeley.edu/courses/ib200a/lect/ib200a_lect09_Lindberg_phenetics.pdf. [diakses 7 Juli 2017]
- Sugita, M., Shinozaki, K., dan Sugiura, M. (1985). Proceedings of the National Academy of Sciences, USA. *Tobacco chloroplast tRNA^{Lys} (UUU) gene contains a 2.5-kilobase-pair intron: an open reading frame and a conserved boundary sequence in the intron*. 82(11), hlm. 3557-3561
- Stefanovic, V. (2002). Medicine and Biology. *Analgesic Nephropathy, Balkan Endemic Nephropathy and Chinese Herbs Nephropathy: Separate Tubulointerstitial Kidney Diseases Associated with Urothelial Malignancy*. 9(1), hlm. 1-6
- Stein, D.B., Conant, D.S., Ahearn, M.E., Jordan, E.T., Kirch, S.A., Hasebe, M., Iwatsuki, K., Tan, M.K., dan Thomson, J.A. (1992). Proc. Natl. Acad. *Structural Rearrangements of The Chloroplast Genome Provide an Important Phylogenetic Link in Ferns*. 89, hlm. 1856-1860
- Stroud Valleys Project. (tanpa tahun). *Potential Wildlife Hazards*. [online]. Tersedia: http://www.stroudvalleysproject.org/documents/get_growing_pack/Potential_wildlife_hazards.pdf. [diakses 29 Mei 2017]
- Sugiyono. (2012). *Memahami Penelitian Kualitatif*. Bandung: Alfabeta
- Tamura, K., Dudley, J., Nei, M., dan Kumar, S. (2007). Mol Biomol Evol. *MEGA4: Molecular Evolutionary Genetics Analysis (MEGA) software version 4.0*. 24, hlm. 1596-1599
- Thamizh, S.N., Surabhi, K.R., dan Swami, G.K. (2015). International Journal of Current Science and Technology. *Ethnomedicinal Value of Hibiscus hispidissimus: A Riview*. 3(6), hlm. 28-31

- Thang, T.D., Kuo, P., Huang, G., Hung, N., Huang, B., Yang, M., Luong, N., dan Wu, T. (2013). *Molecules. Chemical Constituents from The Leaves of Annona reticulata and Their Inhibitory Effects on NO Production*. 18, hlm. 4477-4486
- The Marshall Protocol Knowledge Base. (2012). *Differences between In Vitro, In Vivo, and In Silico Studies*. [online]. Tersedia: https://mpkb.org/home/patients/assessing_literature/in_vitro_studies. [24 Mei 2017]
- Thiru, P. (tanpa tahun). *Creating Phylogenetic Trees with MEGA*. [online]. Tersedia: http://jura.wi.mit.edu/bio/education/hot_topics/mega/mega.pdf. [diakses 25 Mei 2017]
- Thitilertdech, N., Teerawutgulrag, A., dan Rakariyatham, N. (2008). Elsevier. *Antioxidant and Antibacterial Activities of Nephelium lappaceum L. Extracts*. 41(10), hlm. 2029-2035
- Thompson, J.D., Gibson, T.J., Plewniak, F., Jeanmougin, F., dan Higgins D.G. (1997). *Nucleic Acids Research. The CLUSTAL_X windows interface: flexible strategies for multiple sequence alignment aided by quality analysis tools*. 25(24), hlm. 4876-4882
- Tiong, S.H., Looi, C.Y., Hazni, H., Arya, A., Paydar, M., Wong, W.F., Cheah, S., Mustafa, M.R., dan Awang K. (2013). *Molecules. Antidiabetic and Antioxidant Properties of Alkaloids from Catharantus roseus (L.) G. Don*. 18(8), hlm. 9770-9884
- Tjitrosoepomo, G. (1994). *Morfologi Tumbuhan*. Cetakan ke 8. Yogyakarta: Gadjah Mada University Press
- Umadevi, M., Pushpa, R., Sampathkumar, K.P., dan Bhowmik, D. (2012). *Journal of Pharmacognosy and Phytochemistry. Rice-Traditional Medicinal Plant in India*. 1(1), hlm. 6-12
- Vij, T. & Prashar, Y. (2015). *Asian Pasific Journal of Tropical Disease. A Review on Medicinal Properties of Carica papaya Linn*. 5(1), hlm.1-6
- Wall, D.P. & Herbeck, J.T. (2002). *J Mol Evol. Evolutionary Patterns of Codon Usage in the Chloroplast Gene rbcL*. 56, hlm. 673-688
- Winarti, C. & Nurdjanah, N. (2005). *Jurnal Litbang Pertanian. Peluang Tanaman Rempah dan Obat sebagai Sumber Pangan Fungsional*. 24(2), hlm. 47-55

- Wong, S.K., Lim, Y.Y., dan Chan, E.W.C. (2010). Ethnobotanical Leaflets. *Evaluation of Antioxidant, Anti-tyrosine, and Antibacterial Activities of Selected Hibiscus Species*. 14, hlm. 781-796
- Yamthe, L., Fokou, P., Mbouna, C., Keumoe, R., Ndjakou, B., Djouonzo, P., Mfopa, A., Legac, J., Tsabang, N., Gut, J., Rosenthal, P., dan Boyom, F. (2015). Medicines. *Extracts from Annona Muricata L. and Annona Reticulata L. (Annonaceae) Potently and Selectively Inhibit Plasmodium Falciparum*. 2, hlm. 55-66
- Yashaswini, S., Hedge, R.V., dan Venugopal, C.K. (2011). International Journal of Research in Ayuverda & Pharmacy. *Health and Nutrition from Ornamentals*. 2(2), hlm. 375-382
- Yuvakkumar, R., Suresh, J., Nathanael, A.J., Sundrarajan, M., dan Hong, S.I. (2016). Elsevier. *Rambutan (Nephelium lappaceum L.) Peel Extract Assisted Biomimetic Synthesis of Nickel Oxide Nanocrystals*. 128, hlm. 170-174
- Zachariah, S.M., Aleykutty, N.A., Viswanad, V., Jacob, S., dan Prabhakar, V. (2011). Free Radicals and Antioxidants. *In Vitro Antioxidant Potential of Methanolic Extracts of Mirabilis jalapa Linn*. 1(4), hlm. 82-86
- Zadeh, J.B. & Kor, N.M. (2014). European Journal of Experimental Biology. *Physiological and Pharmaceutical Effects of Ginger (Zingiber officinale Roscoe) as A Valuable Medicinal Plant*. 4(1), hlm. 87-90
- Zuhud, E., Ekarelawan, Riswan, S., Aliadi, A., Roemantyo, H., Suporahardjo, Hargono, D., Sandra, E., Kemala, S., Trinugroho, Hikmat, A., Wahid, P., Siswoyo, dan Sitepu, D. (1994), *Pelestarian Pemanfaatan Keanekaragaman Tumbuhan Obat Hutan Tropis*. Kerjasama Antara Jurusan Sumber daya Hutan dan Fakultas Kehutanan IPB. Bogor

DAFTAR GAMBAR

- Gambar 2.1: NCSS. (tanpa tahun). *Garis Fenon pada Dendogram*. [online]. Tersedia: https://ncss-wpengine.netdna-ssl.com/wp-content/themes/ncss/pdf/Procedures/NCSS/Hierarchical_Clusterin-Dendrograms.pdf. [23 Juni 2017]
- Gambar 2.2: Tutorvista. (2017). *Struktur Kloroplas*. [online]. Tersedia: <http://biology.tutorvista.com/animal-and-plant-cells/chloroplasts.html>. [23 Juni 2017]
- Gambar 2.3: Daniell, H., Lin, C.S., Yu, M., dan Chang, W.J. (2016). *Genom Kloroplas Glycine max*. [online]. Tersedia: https://www.researchgate.net/profile/Henry_Daniell/publication/304582265/figure/fig1/AS:391164642512902@1470272326182/Figure-1-Map-of-the-soybean-Glycine-max-chloroplast-genome-This-genome-was-used-to.png. [23 Mei 2017]
- Gambar 2.4: Patel, S.S., Shah, D.B., dan Panchal, H.J. (2014). *Struktur maturare-K*. [online]. Tersedia: <http://biopublisher.ca/index.php/pgt/article/html/1474/>. [23 mei 2017]
- Gambar 2.5: Daie. (2012). *Struktur rbcL*. [online]. Tersedia: http://2012.igem.org/wiki/images/3/3b/Valencia2012_p%2B157_Marisa_Salvador.png. [23 Mei 2017]
- Gambar 2.6: Geocities. (Tanpa Tahun). *Contoh Hasil Alignment pada ClustalX*. [online]. Tersedia: http://www.geocities.ws/orm_apsorn/assign/assign3.htm. [23 Mei 2017]